



*To speak with an
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Washington, DC
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gov/buildings*

AN ENERGY STAR BUILDINGSSM AND GREEN LIGHTS[®] CASE STUDY FOR Salem Community College

Project Director
Keith Duke

Partner Since
April, 1997

Total Committed
Square Footage
136,700

Location
Salem, NJ

*"Conectiv's support has led to the
Salem Center becoming the first
ENERGY STAR BuildingSM in
Salem County—a lot of hard
work, collaboration and cooper-
ation have led us here today for
what we hope will be the start
of bigger and better things for
Salem Community College and
certainly for the County of
Salem."*

– Keith Duke

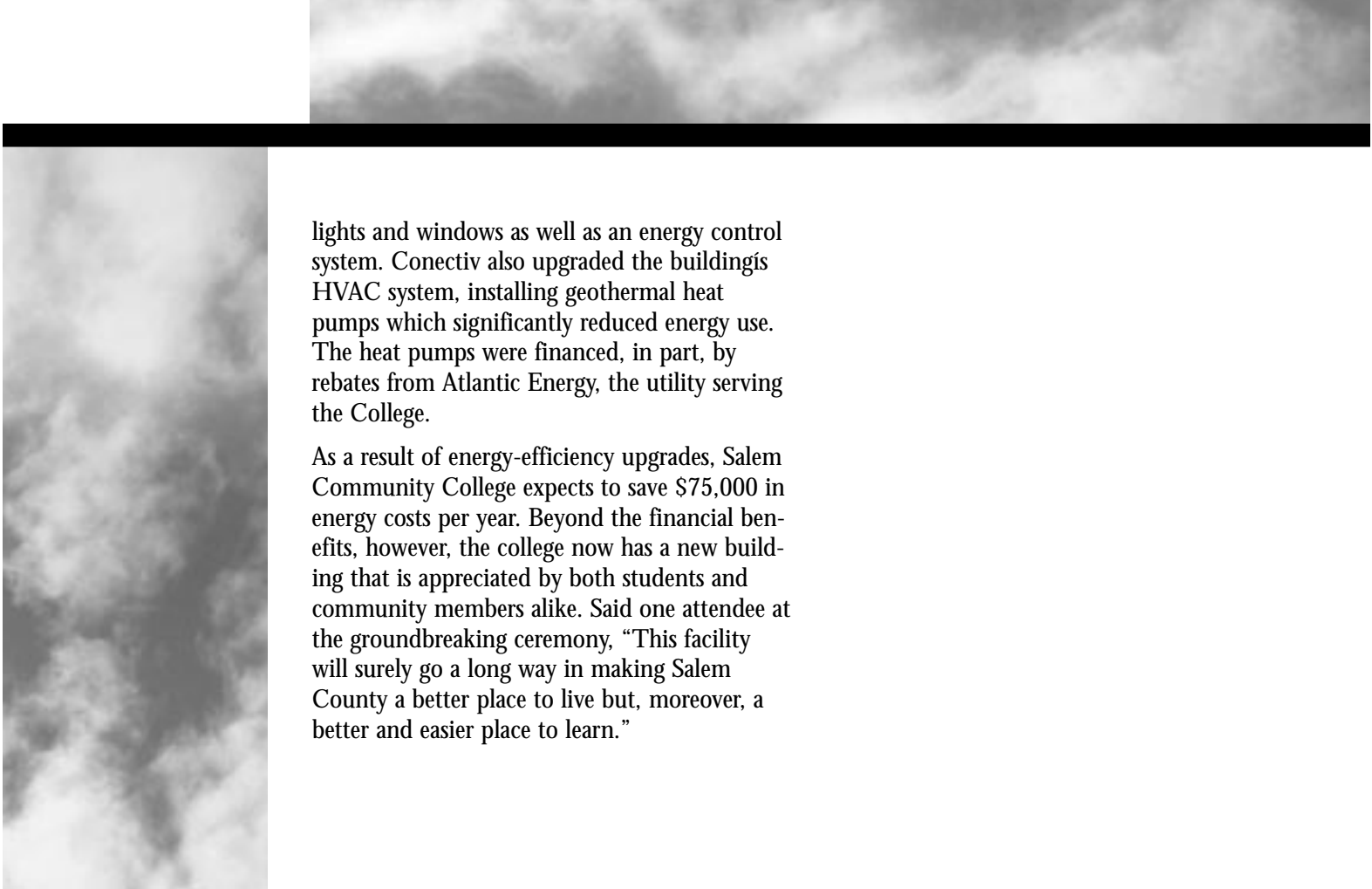
Salem Community College, an ENERGY STAR BuildingsSM Partner, believes that strong community relationships are vital to the college's long-term growth and success. In efforts to contribute to the community's well-being, the college decided to purchase and renovate an abandoned building in the heart of downtown Salem. Because the abandoned building had previously been a bustling store and served as a public reminder of the economic downturn in the area, Salem Community College elected to use the space to benefit not only the college, but the community as well. The new building would be called the Salem Center and would house basic adult education, worker training, and some social services in addition to providing higher education resources for the college.

During the process of renovating and refurbishing the building, Salem Community College hired ENERGY STAR Buildings Ally, Conectiv Solutions to upgrade the building's energy systems. Conectiv installed energy-efficient

		Progress to Date
Project Costs	Total Expenditures	\$1.8 million
	Dollars Per Square Foot	\$11.72
	Total Square Footage Upgraded	153,500
	Percent Upgraded	xx%
Cost Savings	Annual Dollar Savings	\$97,000
	Dollar Savings Per Square Foot	\$0.63
	Internal Rate of Return (IRR)	18.5%
Energy Savings	Annual kWh Savings	801,000
Pollution Prevention	Annual Carbon Dioxide (lbs.)*	1,350,000
	Equivalent Cars off the Road	135
	Equivalent Acres of Trees Planted	xxxx

*numbers reported by Salem Community College. Totals are from upgrades projects started in 1993 and continuing today.





lights and windows as well as an energy control system. Conectiv also upgraded the building's HVAC system, installing geothermal heat pumps which significantly reduced energy use. The heat pumps were financed, in part, by rebates from Atlantic Energy, the utility serving the College.

As a result of energy-efficiency upgrades, Salem Community College expects to save \$75,000 in energy costs per year. Beyond the financial benefits, however, the college now has a new building that is appreciated by both students and community members alike. Said one attendee at the groundbreaking ceremony, "This facility will surely go a long way in making Salem County a better place to live but, moreover, a better and easier place to learn."